

CLAIMS

1. A plough comprising a plough share, one or more steerable soil-engaging fins and a tow rope attachment mechanism having a tow rope retention point, the tow rope attachment mechanism being adapted to enable adjustment of the position of the tow rope retention point relative to the plough, thereby altering the position at which the line of a tow rope retained by the tow rope retention point crosses the longitudinal axis of the plough, so that the plough can operate at a range of offset tow positions.
2. A plough according to claim 1 in which the tow rope attachment mechanism comprises releasable mechanical locking means for preventing the said adjustment from taking place.
3. A plough according to claim 1 or claim 2 in which the tow rope attachment mechanism comprises a bridle having two bridle limbs terminating at one end at the tow rope retention point and at the other at respective bridle limb retention points.
4. A plough according to claim 3 in which the tow rope attachment mechanism is adapted to enable the said adjustment of the position of the tow rope retention point relative to the plough by movement of the bridle rope retention points.
5. A plough according to claim 4 in which the tow rope attachment mechanism includes a pair of arms, each pivotable relative to the plough about a substantially vertical axis at its inboard end and providing a respective bridle rope attachment point at its outboard end.
6. A plough according to claim 5 in which the pivotable arms extend substantially laterally with respect to the plough.
7. A plough according to claim 5 in which the pivotable arms extend substantially longitudinally with respect to the plough.

8. A plough according to any one of claims 3-7 in which the tow rope attachment mechanism is adapted to enable movement of the bridle limb retention points relative to the plough from respective towing positions to respective lifting positions at which the bridle can be used to lift the plough in a substantially level attitude.

9. A plough according to any one of claims 3-8 in which the tow rope attachment mechanism is adapted to enable the said adjustment of the position of the tow rope retention point relative to the plough by adjustment of the relative length of the bridle limbs.

10. A plough according to claim 9 in which the bridle limb retention points comprise guides through which the bridle limbs pass and further comprising a pair of movable bridle limb attachment points to which the bridle limbs are attached.

11. A plough comprising a plough share and a tow rope attachment mechanism having a pair of bridle limb retention points, the tow rope attachment mechanism being adapted to enable adjustment of the relative length of a pair of bridle limbs retained by the bridle limb retention points, thereby altering the position at which the line of a tow rope connected to the bridle limbs crosses the longitudinal axis of the plough, so that the plough can operate at a range of offset tow positions, in which the bridle limb retention points comprise guides through which the bridle limbs pass, and further comprising a pair of movable bridle limb attachment points to which the bridle limbs are attached.

12. A plough according to any preceding claim in which the steerable soil-engaging fins are carried by one or more supporting skids.

13. A plough according to claim 12 in which the supporting skids are carried by a steering member pivotable relative to the plough about a substantially vertical axis.

14. A plough according to claim 13 further comprising means for adjusting ploughing depth by altering the vertical distance between the skids and the steering member.

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15. A plough according to claim 14 in which there are two or more skids and the vertical distance between one such skid and the steering member can be altered independent of the vertical distance between another such skid and the steering member.

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16. A plough comprising a plough share and a tow rope attachment mechanism having a pair of bridle limb attachment points, the tow rope attachment mechanism being adapted to enable movement of the bridle limb attachment points relative to the plough, thereby altering the position at which the line of a tow rope connected to the
15 bridle limbs crosses the longitudinal axis of the plough, so that the plough can operate at a range of offset tow positions, and further comprising a mechanical linkage between the bridle limb attachment points such that movement of one bridle limb attachment point in one sense is accompanied by movement of the other in the other sense.

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17. A plough comprising a plough share and a tow rope attachment mechanism having a pair of bridle limbs, the tow rope attachment mechanism being adapted to enable adjustment of the relative length of the bridle limbs, thereby altering the position at which the line of a tow rope connected to the bridle limbs crosses the
25 longitudinal axis of the plough, so that the plough can operate at a range of offset tow positions, and further comprising a mechanical linkage between the bridle limbs such that lengthening of one bridle limb is accompanied by shortening of the other.